Complete set of claims showing deletions and additions in amended claims.

Deletions are enclosed in brackets with a strikeout line through the respective deletions while insertions are shown underlined, the language remaining from the original specification and/or previous amendments shown in regular type. Claim version identifier markings are enclosed in parentheses.

~~[20]~~ 1. (currently amended) A system of detecting, qualifying, quantifying, ~~[notifying]~~ providing notification of and neutralizing an environmental hazard comprises a field deployable marker, a remote station and separably deployable means for neutralizing said environmental hazard ~~[means]~~, said field deployable marker carrying a means for detecting, qualifying and quantifying environmental hazards, a means for communicating to a remote station, a means for controlling said means for detecting, qualifying and quantifying and a means for signaling, said means for signaling indicating status of said field deployable marker or status of environmental conditions surrounding said field deployable marker, when deployed, to said remote station and/or personnel within sight of a deployed field deployable marker wherein said means for communicating transmits data to said remote station.

~~[21]~~ 2. (currently amended) A system as in claim [20] 1 wherein said means for communicating has a means for activating sensors carried by said field deployable marker, a means for transmitting and a means for receiving associated therewith, said means for activating receiving instruction from said remote station through said means for receiving.

~~[22]~~ 3. (currently amended) A system as in claim ~~[21]~~ 2 wherein said means for activating has means to change an onboard state of said means for signaling, said onboard state comprising a first state selected from the group comprising sampling or unknown mode, low level hazard and high level hazard and a second state selected from the group comprising sampling or unknown mode, low level hazard, high level hazard and safe mode.

~~[23]~~ 4. (currently amended)A system as in claim ~~[22]~~ 3 wherein said onboard state of said means for signaling has a preset initial state indicating unknown mode at deployment of said field deployable marker ~~[an initial state corresponding to an environmental condition wherein personnel may be present]~~.

~~[24]~~ 5. (currently amended) A system as in claim ~~[23]~~ 4 wherein said means for activating changes said initial state to a second state corresponding to an environmental condition ~~[consistent with said]~~ at a position where said field marker has been deployed, said means for

activating changing said initial state to said second state upon receiving a command signal from said remote station.

[25] 6. (currently amended) A system as in claim [23] 4 wherein said means for activating changes said initial state to a second state corresponding to an environmental condition [consistent with said] at a position where said field marker has been deployed, said means for activating changing said initial state to said second state upon detecting an elevated level of at least one hazard[from said means for detecting, qualifying and quantifying].

[26] 7. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating is queried to submit sampling data.

[27] 8. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating is queried to resubmit sampling data.

[28] 9. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating is queried to start a sampling sequence.

[29] 10. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating is queried to restart a sampling sequence.

[30] 11. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating changes said coded identification [code] number.

[31] 12. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating changes said access code.

[32] 13. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating changes said coded identification [code] number and said access code.

[33] 14. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating changes [the] an onboard state of said means for signaling, said onboard state comprising a first state selected from the group comprising sampling or unknown mode, low level hazard and high level hazard and a second state selected from the group comprising sampling or unknown mode, low level hazard, high level hazard and safe mode.

[34] 15. (currently amended) A system as in claim [21] 2 wherein said remote station addresses any one of a plurality of said field deployable markers by transmitting a coded identification number and an access code to said one field deployable marker wherein said means for activating deactivates said one field deployable marker.

[35] 16. (currently amended) A system of detecting, qualifying, quantifying, [notifying] providing notification of and neutralizing an environmental hazard comprises a field deployable marker, a remote station and separably deployable means for neutralizing [means] said environmental hazard, said field deployable marker carrying a means for detecting, qualifying and quantifying environmental hazards, a means for communicating to a remote station, a means for controlling said means for detecting, qualifying and quantifying and a means for signaling, said means for signaling indicating status of said field deployable marker or status of environmental conditions surrounding said field deployable marker, when deployed, to said remote station and/or personnel within sight of a deployed field deployable marker wherein said remote station receives at least one data stream from said means for communicating.

[36] 17. (currently amended) A system as in claim [35] 16 wherein said remote station contains personnel to evaluate said data stream.

[37] 18. (currently amended) A system as in claim [36] 17 wherein said personnel at said remote station transmit at least one command sequence to said field deployable marker using a [line of sight] pocket transmitter.

[38] 19. (currently amended) A system as in claim [36] 17 wherein said personnel

at said remote station transmit at least one command sequence to said field deployable marker using a Geo-Positional Satellite.

[~~39~~] 20. (currently amended) A system of detecting, qualifying, quantifying, [~~notifying~~] providing notification of and neutralizing an environmental hazard comprises a field deployable marker, a remote station and separably deployable means for neutralizing said environmental hazard [~~means~~], said field deployable marker carrying a means for detecting, qualifying and quantifying environmental hazards, a means for communicating to a remote station, a means for controlling said means for detecting, qualifying and quantifying and a means for signaling, said means for signaling indicating status of said field deployable marker or status of environmental conditions surrounding said field deployable marker, when deployed, to said remote station and/or personnel within sight of a deployed field deployable marker wherein personnel at said remote station deploy effective countermeasures through said separably deployable means in response to information received from said field deployable marker through said means for communicating.